Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108025.D
Acq On : 8 Aug 2018 17:49
Operator : JU/SJ
Sample : J3762-03
Misc : MDL 5 PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MDL-SOIL-03-QT3-2018

Manual Integrations APPROVED
Sohil
8/9/2018 5:01:25 PM

Quant Time: Aug 09 07:00:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	249545	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	983168	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	529618	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	1103190	20.00	ng	0.00
75) Chrysene-d12	14.21	240	968657	20.00	ng	-0.01
86) Perylene-d12	15.77	264	830162	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	1484244	107.68	ng	0.00
7) Phenol-d6	6.62	99	1991401	108.72	ng	0.00
23) Nitrobenzene-d5	7.57	82	1219088	69.19	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	615137	116.44	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	2339102	70.91	ng	0.00
78) Terphenyl-d14	13.15	244	2856356	74.97	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.92	88	39458	5.571	ng	# 83
3) Pyridine	3.71	79	108040	5.922	ng	# 80
4) n-Nitrosodimethylamine	3.64	42	58096	5.659	ng	# 74
6) Aniline	6.68	93	92263	3.703	ng	98
8) 2-Chlorophenol	6.80	128	93688	6.035	ng	92
9) Benzaldehyde	6.57	77	77886	5.485	ng	95
10) Phenol	6.64	94	115139	6.077	ng	87
11) bis(2-Chloroethyl)ether	6.74	93	96622	6.308	ng	95
12) 1,3-Dichlorobenzene	6.95	146	113597	6.329	ng	97
13) 1,4-Dichlorobenzene	7.03	146	112529	6.240	ng	98
14) 1,2-Dichlorobenzene	7.18	146	103783	6.187	ng	97
15) Benzyl Alcohol	7.14	79	69701	4.520	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.28	45	196644	6.232	ng	96
17) 2-Methylphenol	7.24	107	82373	6.188	ng	97
18) Hexachloroethane	7.53	117	39417	6.139	ng	92
19) n-Nitroso-di-n-propylamine	7.41	70	76668	6.190	ng	# 86
20) 3+4-Methylphenols	7.40	107	106276	6.230	ng	91
22) Acetophenone	7.41	105	147539	6.418	ng	# 94
24) Nitrobenzene	7.59	77	113345	6.362	ng	95
25) Isophorone	7.82	82	202039	6.016	ng	97
26) 2-Nitrophenol	7.91	139	31210	4.639	ng	92
27) 2,4-Dimethylphenol	7.93	122	92101	6.179	ng	98
28) bis(2-Chloroethoxy)methane	8.03	93	121291	6.187	ng	99
29) 2,4-Dichlorophenol	8.14	162	81239	5.923	ng	97
30) 1,2,4-Trichlorobenzene	8.23	180	94260	6.233	ng	99
31) Naphthalene	8.32	128	295957	6.619	ng	99
32) Benzoic acid	7.97	122	25509m	8.557	ng	
33) 4-Chloroaniline	8.36	127	77043	3.954	ng	98
34) Hexachlorobutadiene	8.43	225	58531	6.114	ng	95
35) Caprolactam	8.69	113	24536	5.708	ng	# 82
36) 4-Chloro-3-methylphenol	8.82	107	90286	6.102	ng	96
37) 2-Methylnaphthalene	9.01	142	211532	6.687	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	101545	6.244	ng	97
40) Hexachlorocyclopentadiene	9.16	237	55883	5.320	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108025.D
Acq On : 8 Aug 2018 17:49
Operator : JU/SJ
Sample : J3762-03
Misc : MDL 5 PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2018

Manual Integrations APPROVED
Sohil
8/9/2018 5:01:25 PM

Quant Time: Aug 09 07:00:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	54160	5.366	ng		97
43) 2,4,5-Trichlorophenol	9.32	196	63891	5.751	ng	#	93
45) 1,1'-Biphenyl	9.47	154	257206	6.587	ng		96
46) 2-Chloronaphthalene	9.50	162	199715	6.471	ng		97
47) 2-Nitroaniline	9.59	65	58689	5.877	ng	#	82
48) Acenaphthylene	9.92	152	327780	6.718	ng		100
49) Dimethylphthalate	9.77	163	241278	6.540	ng		98
50) 2,6-Dinitrotoluene	9.83	165	46261	5.993	ng		93
51) Acenaphthene	10.10	154	196071	6.561	ng		98
52) 3-Nitroaniline	10.00	138	42396	5.020	ng		91
53) 2,4-Dinitrophenol	10.10	184	7767	9.474	ng	#	1
54) Dibenzofuran	10.27	168	298137	6.886	ng		99
55) 4-Nitrophenol	10.14	139	33257	5.200	ng	#	77
56) 2,4-Dinitrotoluene	10.23	165	59032	5.942	ng	#	89
57) Fluorene	10.61	166	233223	6.805	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	51485	5.544	ng	#	89
59) Diethylphthalate	10.47	149	236640	6.624	ng		97
60) 4-Chlorophenyl-phenylether	10.60	204	116199	6.506	ng		91
61) 4-Nitroaniline	10.61	138	48537	5.813	ng		95
62) Azobenzene	10.76	77	245707	6.660	ng		94
64) 4,6-Dinitro-2-methylphenol	10.64	198	13359	8.224	ng		83
65) n-Nitrosodiphenylamine	10.71	169	212049	6.505	ng		97
66) 4-Bromophenyl-phenylether	11.10	248	75778	6.321	ng	#	82
67) Hexachlorobenzene	11.16	284	79228	6.281	ng	#	85
68) Atrazine	11.24	200	68399	6.255	ng		94
69) Pentachlorophenol	11.35	266	25171	4.169	ng		95
70) Phenanthrene	11.58	178	364176	6.999	ng		98
71) Anthracene	11.63	178	372116	6.978	ng		98
72) Carbazole	11.78	167	318555	6.723	ng		99
73) Di-n-butylphthalate	12.11	149	364593	6.793	ng		98
74) Fluoranthene	12.77	202	397623	7.002	ng		95
76) Benzidine	12.89	184	66535	1.838	ng	#	94
77) Pyrene	13.01	202	400923	6.538	ng		99
79) Butylbenzylphthalate	13.61	149	134494	5.523	ng		96
80) Benzo(a)anthracene	14.19	228	361848	6.509	ng		98
81) 3,3'-Dichlorobenzidine	14.15	252	64329	3.229	ng	#	98
82) Chrysene	14.24	228	330786	6.490	ng		98
83) Bis(2-ethylhexyl)phthalate	14.17	149	194998	5.913	ng		98
84) Di-n-octyl phthalate	14.79	149	279116	5.550	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.37	276	245446	5.558	ng	#	91
87) Benzo(b)fluoranthene	15.29	252	316409	6.378	ng		97
88) Benzo(k)fluoranthene	15.32	252	280916	6.160	ng	#	97
89) Benzo(a)pyrene	15.69	252	271749	6.118	ng		97
90) Dibenzo(a,h)anthracene	17.39	278	204741	5.571	ng	#	95
91) Benzo(g,h,i)perylene	17.87	276	198076	5.473	ng	#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108025.D
Acq On : 8 Aug 2018 17:49
Operator : JU/SJ
Sample : J3762-03
Misc : MDL 5 PPM
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Aug 09 07:00:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT3-2018

Manual Integrations APPROVED
Sohil
8/9/2018 5:01:25 PM